*FIG. 1*

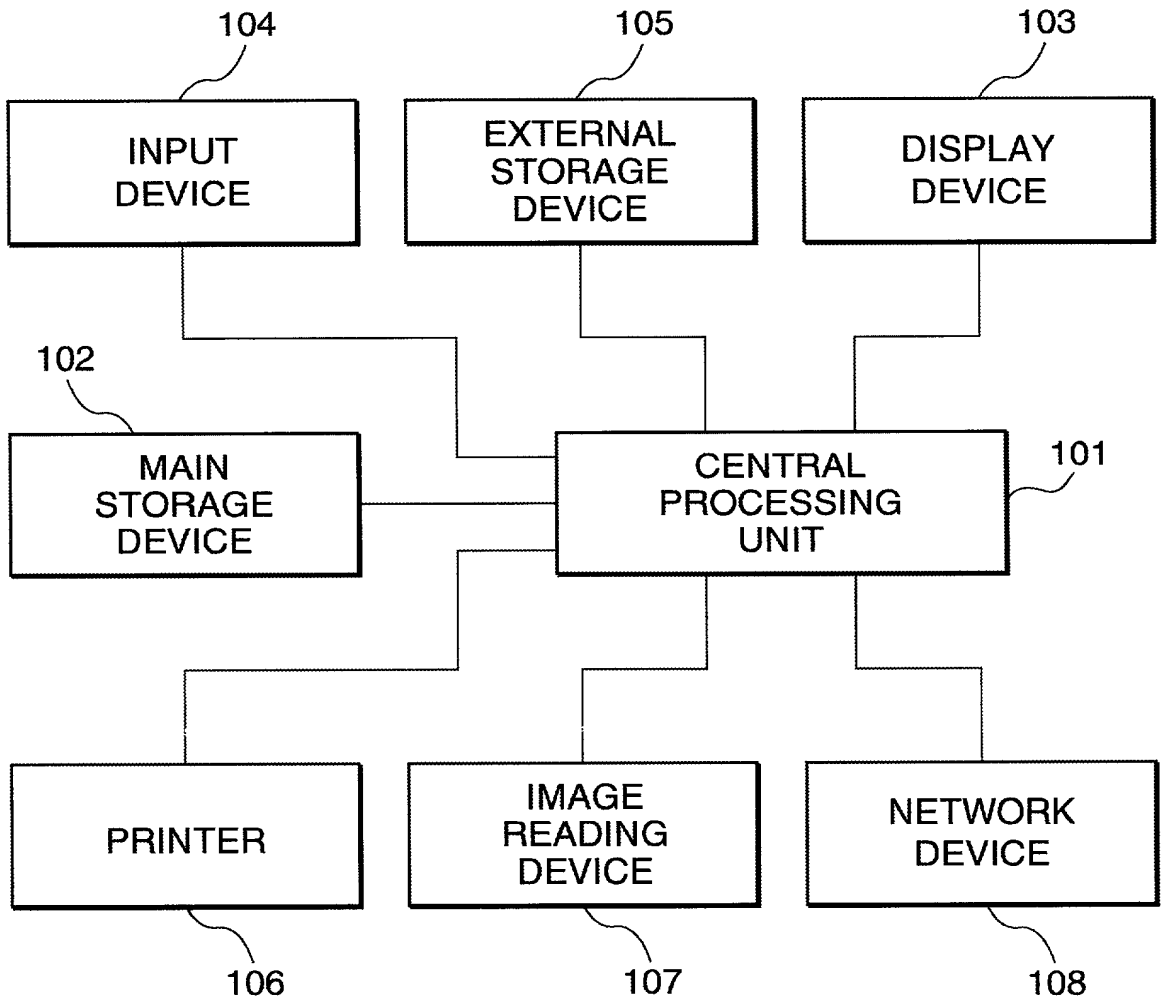

104
105
103
INPUT DEVICE
EXTERNAL STORAGE DEVICE
DISPLAY DEVICE
102
MAIN STORAGE DEVICE
CENTRAL PROCESSING UNIT
101
PRINTER
IMAGE READING DEVICE
NETWORK DEVICE
106
107
108

*FIG. 2*

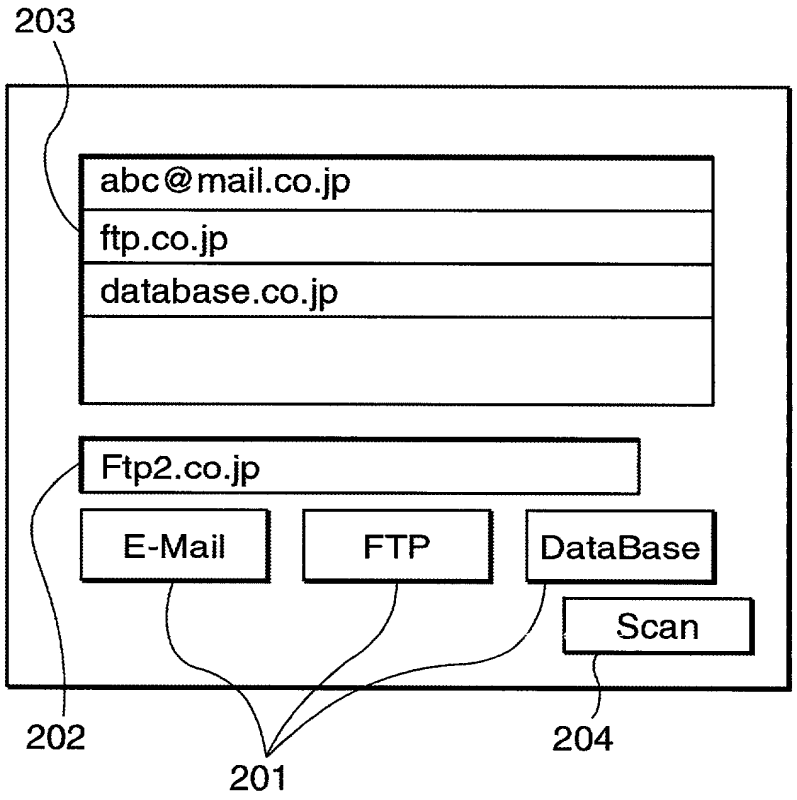

203
abc@mail.co.jp
ftp.co.jp
database.co.jp
Ftp2.co.jp
E-Mail
FTP
DataBase
Scan
202
201
204

*FIG. 3*

| RECEPTION NUMBER | RECEPTION TIME | NUMBER OF PAGES | DESTINATION | STATUS |
|---|---|---|---|---|
| 0001 | 10:20 | 3 | abc@mail.co.jp | Sending |
| 0001 | 10:20 | 3 | ftp.co.jp | Sending |
| 0001 | 10:20 | 3 | database.co.jp | Completed |
| 0002 | 10:23 | 2 | xxx@mail.co.jp | Waiting |
| 0002 | 10:23 | 2 | ftp2.co.jp | Waiting |
| 0002 | 10:23 | 2 | database2.co.jp | Sending |
| | | | | |

*FIG. 4*

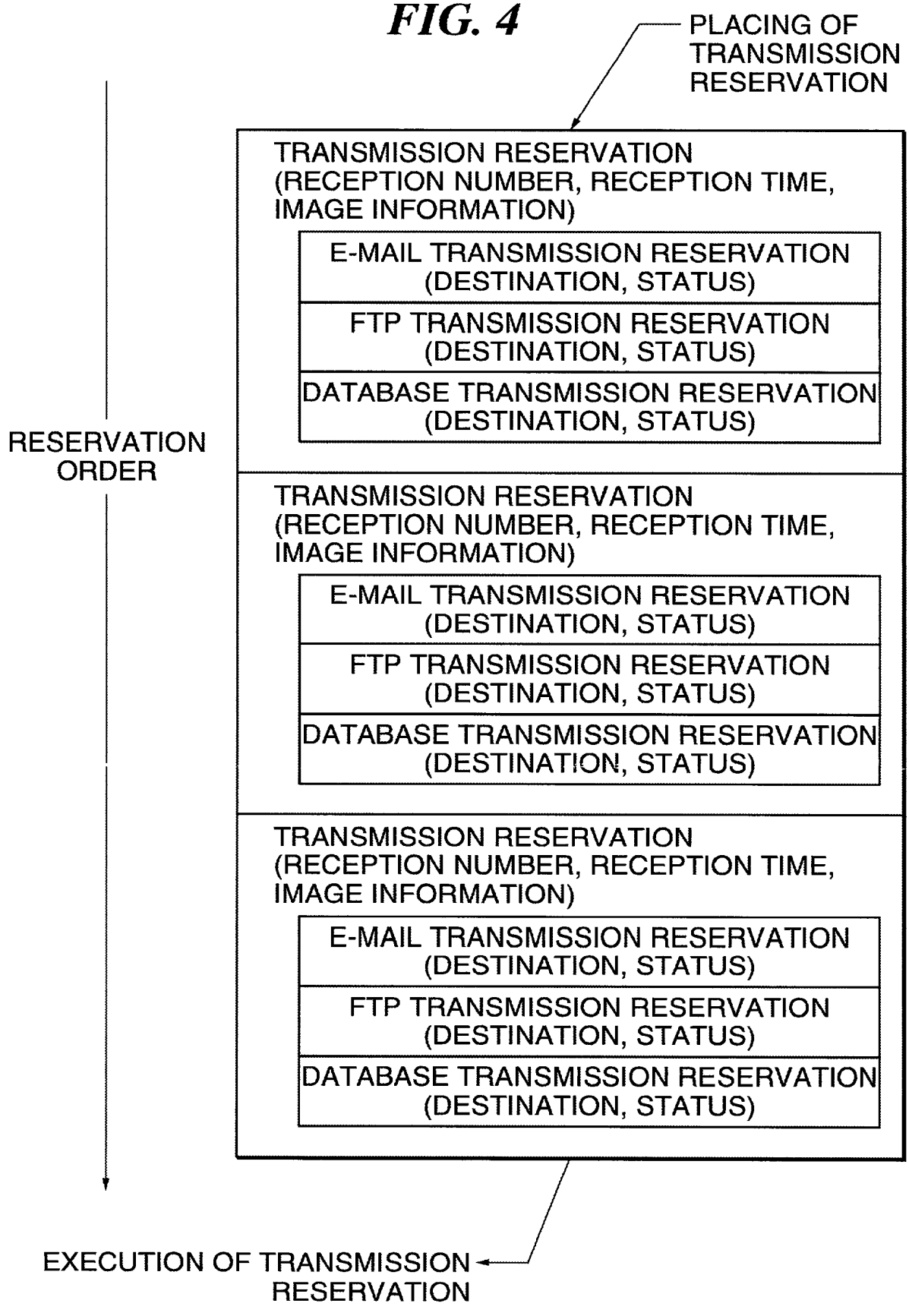

PLACING OF TRANSMISSION RESERVATION
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION)
E-MAIL TRANSMISSION RESERVATION (DESTINATION, STATUS)
FTP TRANSMISSION RESERVATION (DESTINATION, STATUS)
DATABASE TRANSMISSION RESERVATION (DESTINATION, STATUS)
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION)
E-MAIL TRANSMISSION RESERVATION (DESTINATION, STATUS)
FTP TRANSMISSION RESERVATION (DESTINATION, STATUS)
DATABASE TRANSMISSION RESERVATION (DESTINATION, STATUS)
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION)
E-MAIL TRANSMISSION RESERVATION (DESTINATION, STATUS)
FTP TRANSMISSION RESERVATION (DESTINATION, STATUS)
DATABASE TRANSMISSION RESERVATION (DESTINATION, STATUS)
RESERVATION ORDER
EXECUTION OF TRANSMISSION RESERVATION

*FIG. 5*

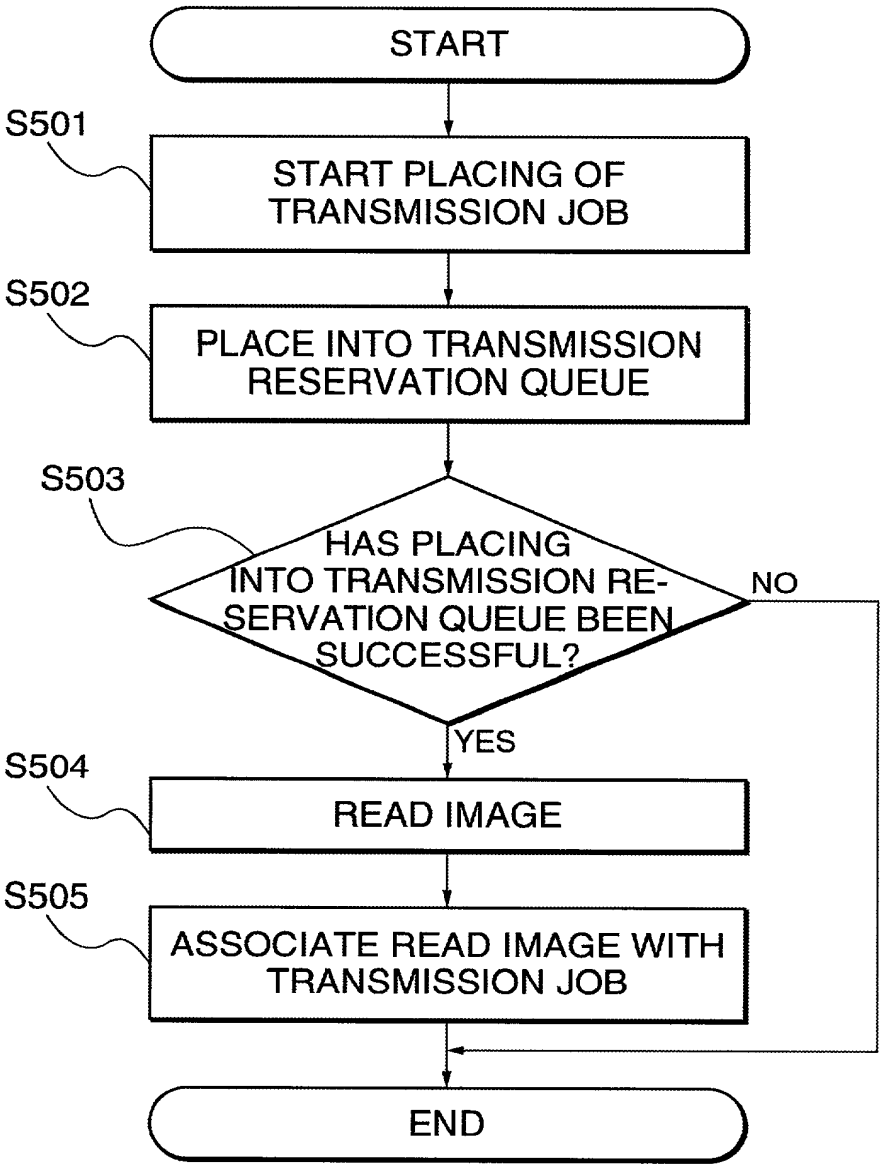

START
S501
START PLACING OF TRANSMISSION JOB
S502
PLACE INTO TRANSMISSION RESERVATION QUEUE
S503
HAS PLACING INTO TRANSMISSION RESERVATION QUEUE BEEN SUCCESSFUL?
NO
YES
S504
READ IMAGE
S505
ASSOCIATE READ IMAGE WITH TRANSMISSION JOB
END

FIG. 6

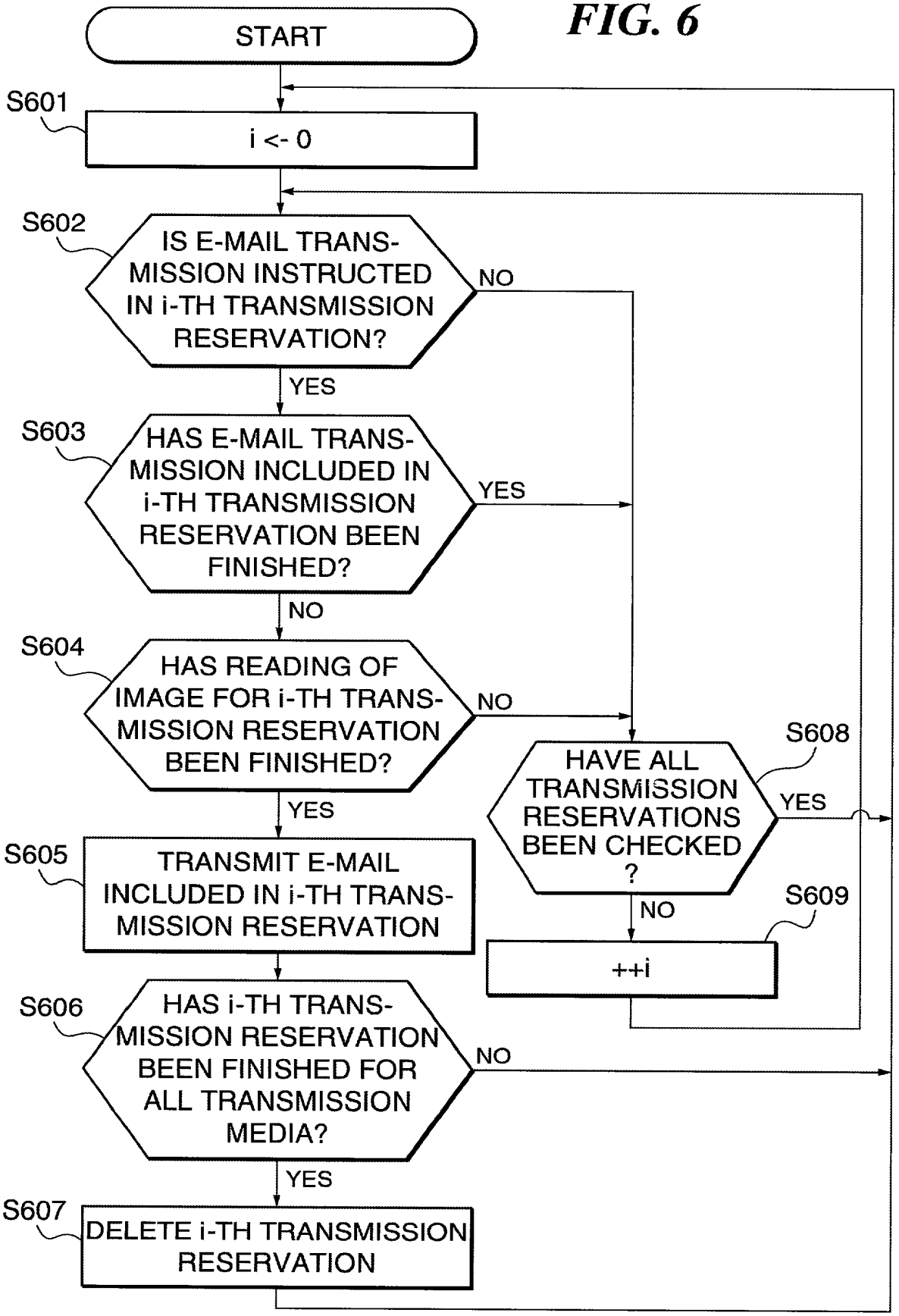

START
S601
i <- 0
S602
IS E-MAIL TRANSMISSION INSTRUCTED IN i-TH TRANSMISSION RESERVATION?
NO
YES
S603
HAS E-MAIL TRANSMISSION INCLUDED IN i-TH TRANSMISSION RESERVATION BEEN FINISHED?
YES
NO
S604
HAS READING OF IMAGE FOR i-TH TRANSMISSION RESERVATION BEEN FINISHED?
NO
YES
S605
TRANSMIT E-MAIL INCLUDED IN i-TH TRANSMISSION RESERVATION
S606
HAS i-TH TRANSMISSION RESERVATION BEEN FINISHED FOR ALL TRANSMISSION MEDIA?
NO
YES
S607
DELETE i-TH TRANSMISSION RESERVATION
S608
HAVE ALL TRANSMISSION RESERVATIONS BEEN CHECKED ?
YES
NO
S609
++i

*FIG. 7*

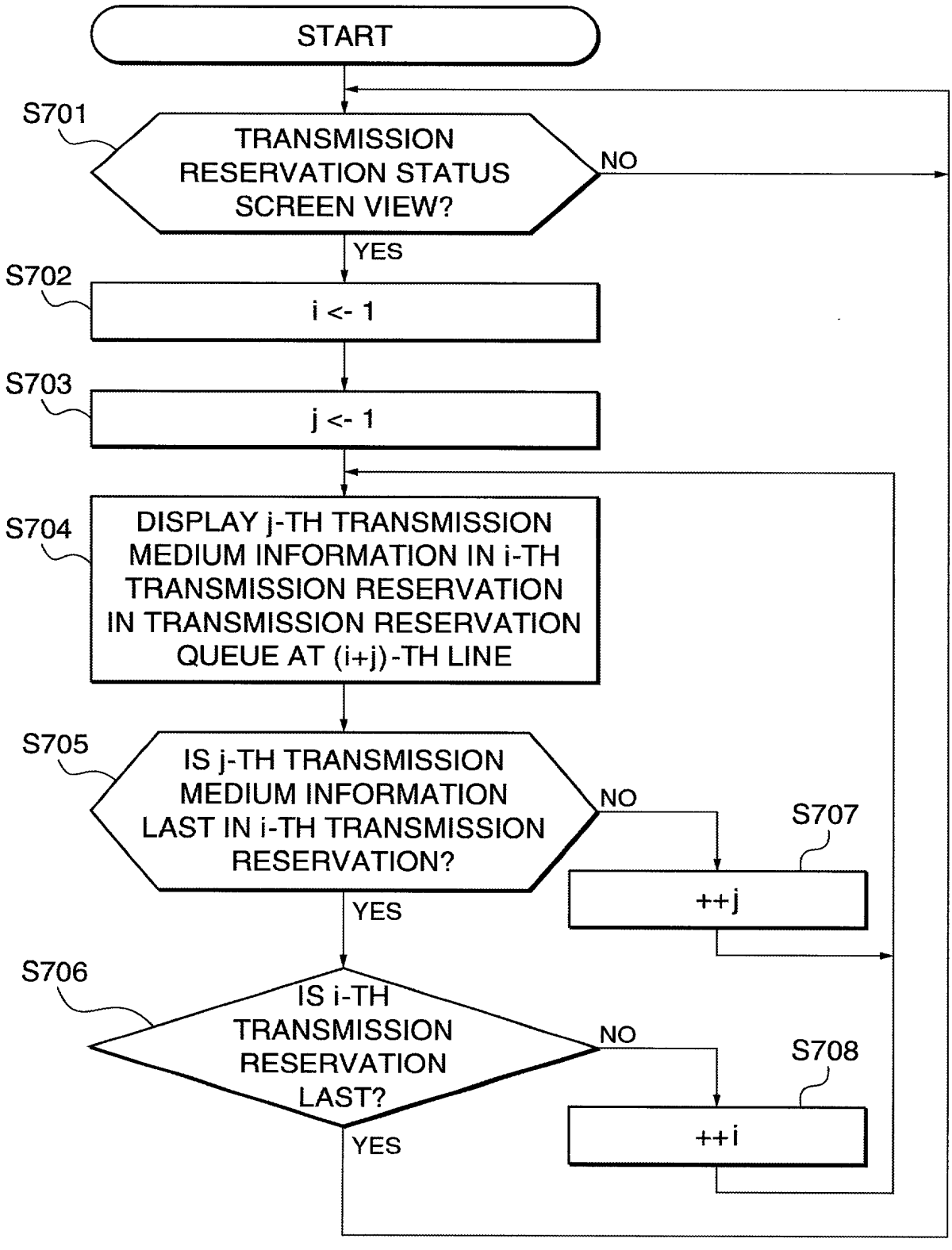

START
S701
TRANSMISSION RESERVATION STATUS SCREEN VIEW?
NO
YES
S702
i <- 1
S703
j <- 1
S704
DISPLAY j-TH TRANSMISSION MEDIUM INFORMATION IN i-TH TRANSMISSION RESERVATION IN TRANSMISSION RESERVATION QUEUE AT (i+j)-TH LINE
S705
IS j-TH TRANSMISSION MEDIUM INFORMATION LAST IN i-TH TRANSMISSION RESERVATION?
NO
S707
++j
YES
S706
IS i-TH TRANSMISSION RESERVATION LAST?
NO
S708
++i
YES

*FIG. 8*

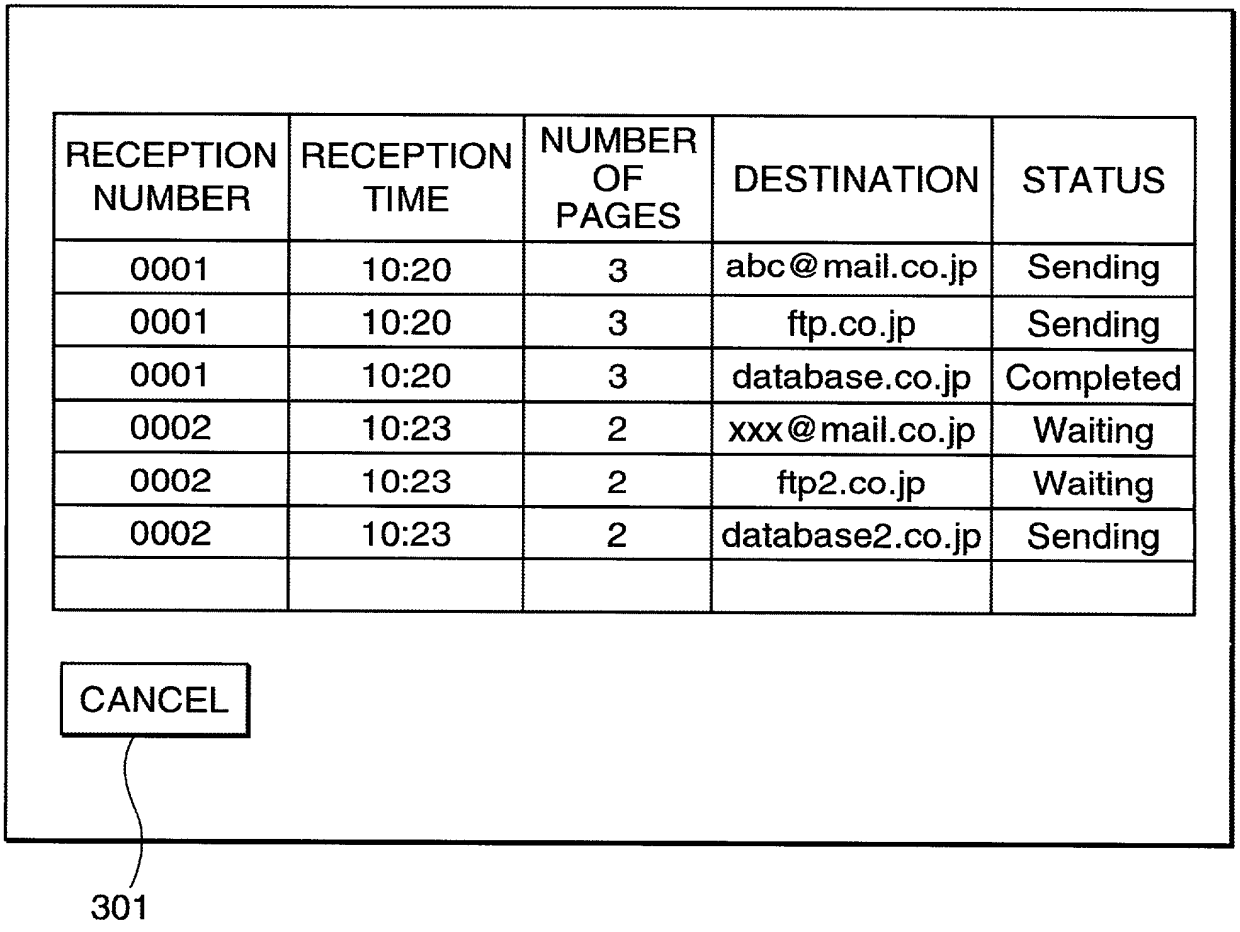

RECEPTION NUMBER
RECEPTION TIME
NUMBER OF PAGES
DESTINATION
STATUS
0001
10:20
3
abc@mail.co.jp
Sending
0001
10:20
3
ftp.co.jp
Sending
0001
10:20
3
database.co.jp
Completed
0002
10:23
2
xxx@mail.co.jp
Waiting
0002
10:23
2
ftp2.co.jp
Waiting
0002
10:23
2
database2.co.jp
Sending
CANCEL
301

*FIG. 9A*

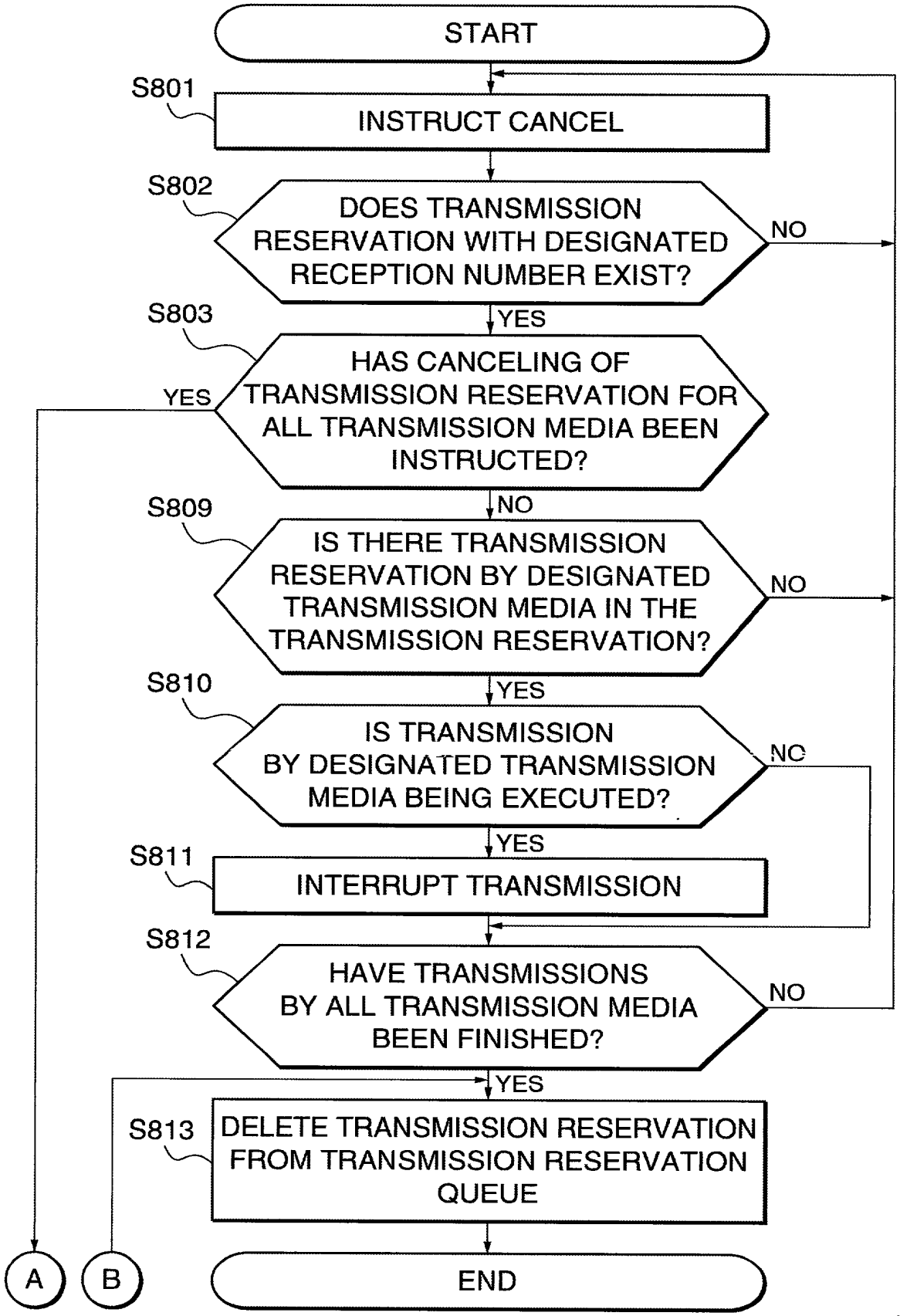

START
S801
INSTRUCT CANCEL
S802
DOES TRANSMISSION RESERVATION WITH DESIGNATED RECEPTION NUMBER EXIST?
NO
YES
S803
HAS CANCELING OF TRANSMISSION RESERVATION FOR ALL TRANSMISSION MEDIA BEEN INSTRUCTED?
YES
NO
S809
IS THERE TRANSMISSION RESERVATION BY DESIGNATED TRANSMISSION MEDIA IN THE TRANSMISSION RESERVATION?
NO
YES
S810
IS TRANSMISSION BY DESIGNATED TRANSMISSION MEDIA BEING EXECUTED?
NO
YES
S811
INTERRUPT TRANSMISSION
S812
HAVE TRANSMISSIONS BY ALL TRANSMISSION MEDIA BEEN FINISHED?
NO
YES
S813
DELETE TRANSMISSION RESERVATION FROM TRANSMISSION RESERVATION QUEUE
A
B
END

*FIG. 9B*

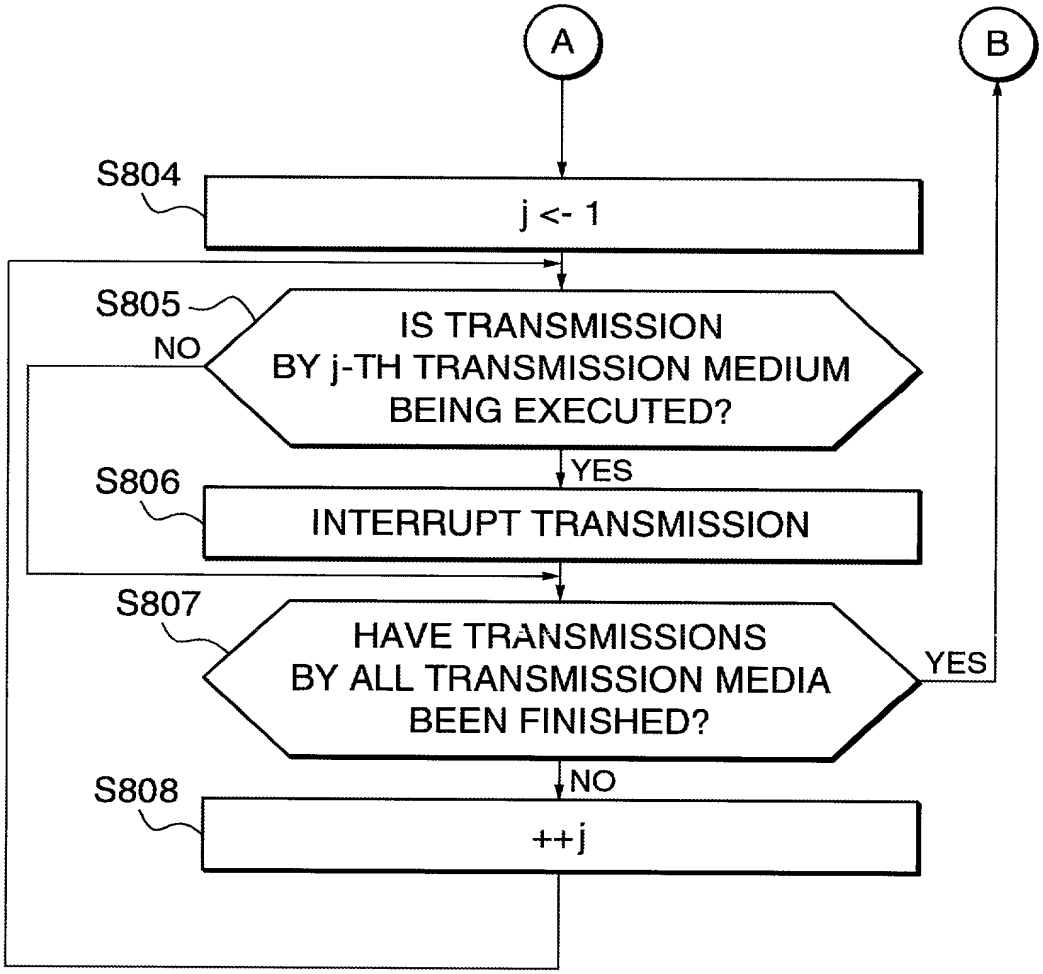

A
B
S804
j <- 1
S805
IS TRANSMISSION BY j-TH TRANSMISSION MEDIUM BEING EXECUTED?
NO
YES
S806
INTERRUPT TRANSMISSION
S807
HAVE TRANSMISSIONS BY ALL TRANSMISSION MEDIA BEEN FINISHED?
YES
NO
S808
++j

*FIG. 10*

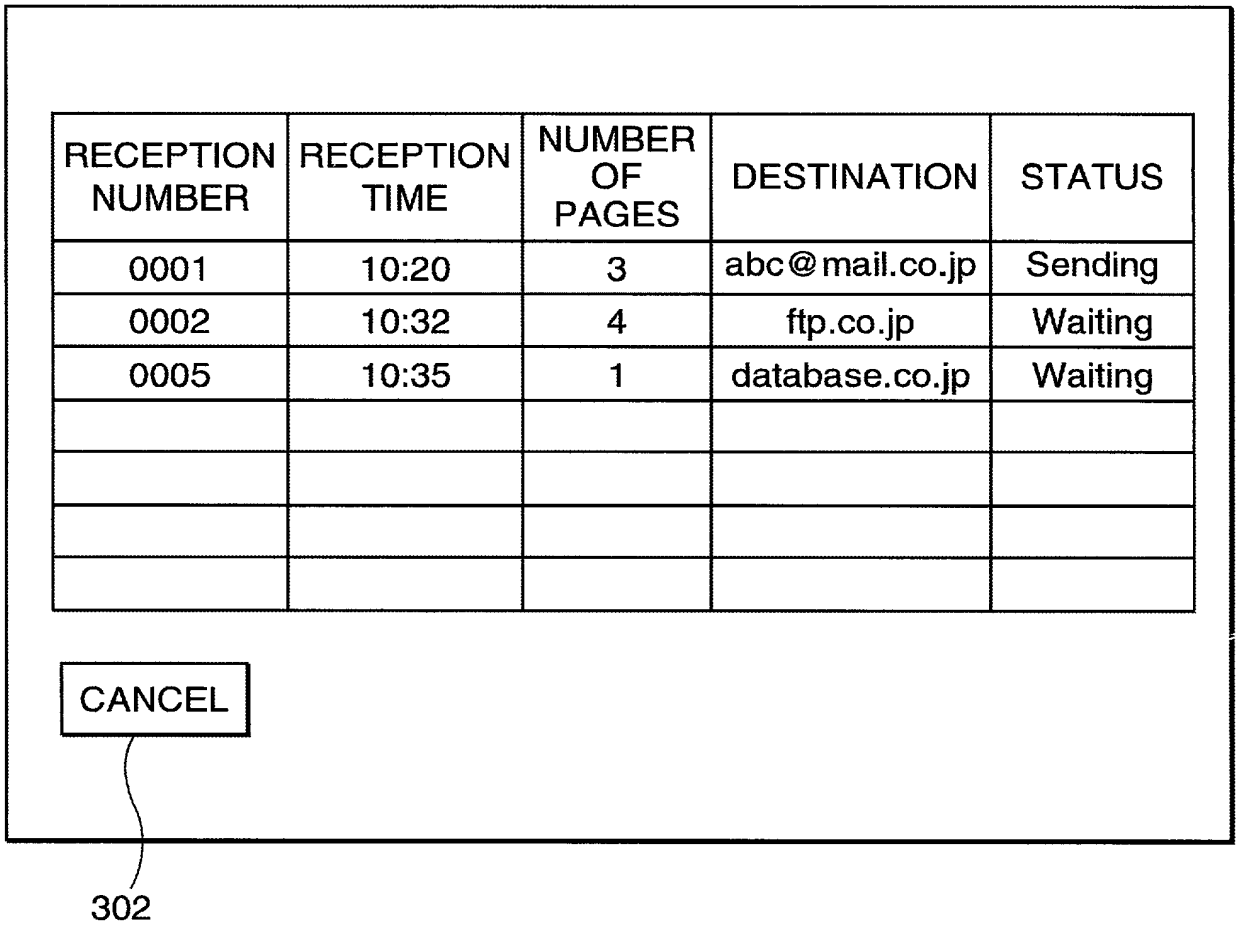

RECEPTION NUMBER
RECEPTION TIME
NUMBER OF PAGES
DESTINATION
STATUS
0001
10:20
3
abc@mail.co.jp
Sending
0002
10:32
4
ftp.co.jp
Waiting
0005
10:35
1
database.co.jp
Waiting
CANCEL
302

*FIG. 11*

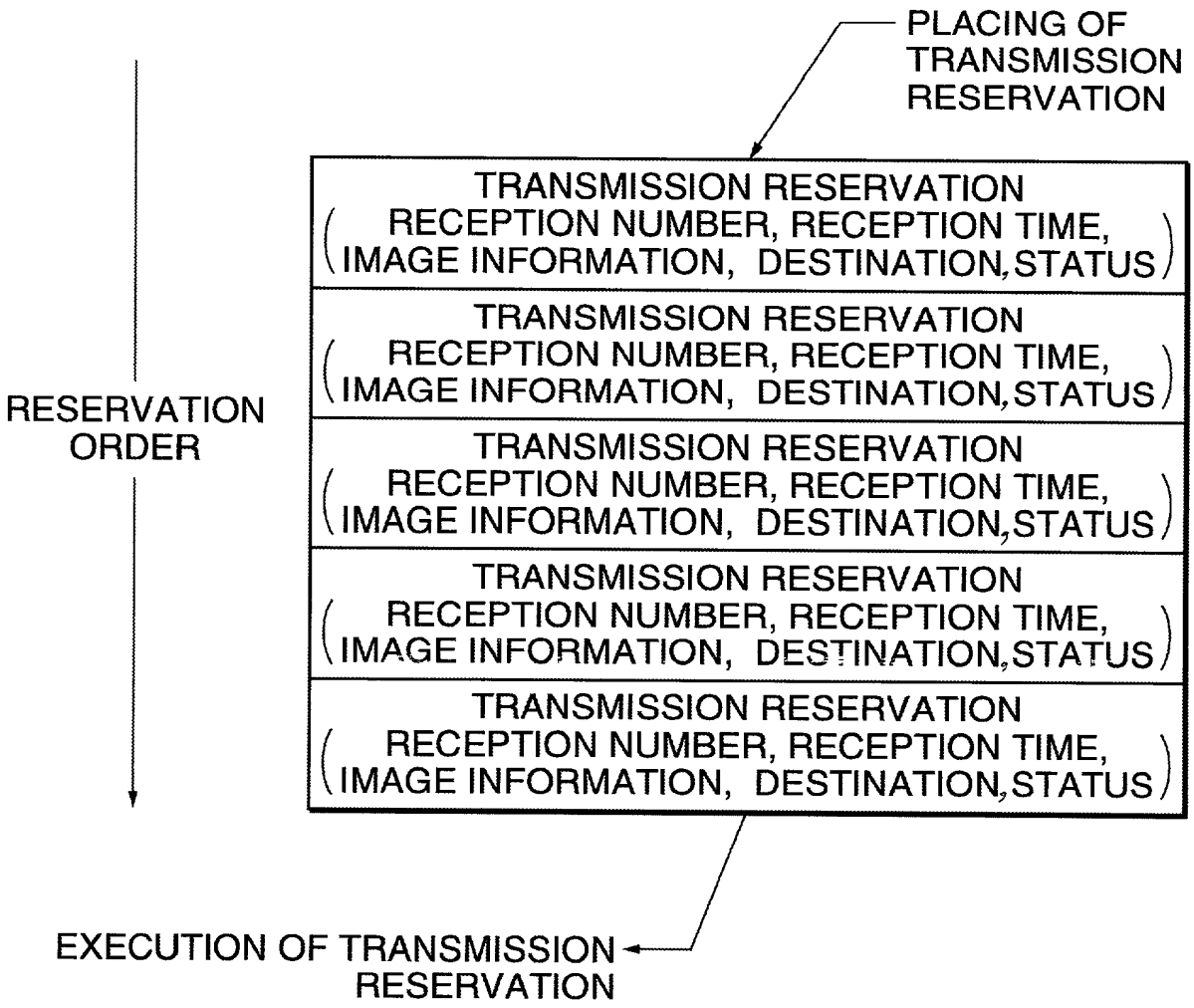

PLACING OF TRANSMISSION RESERVATION
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION, DESTINATION, STATUS)
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION, DESTINATION, STATUS)
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION, DESTINATION, STATUS)
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION, DESTINATION, STATUS)
TRANSMISSION RESERVATION (RECEPTION NUMBER, RECEPTION TIME, IMAGE INFORMATION, DESTINATION, STATUS)
RESERVATION ORDER
EXECUTION OF TRANSMISSION RESERVATION

*FIG. 12*

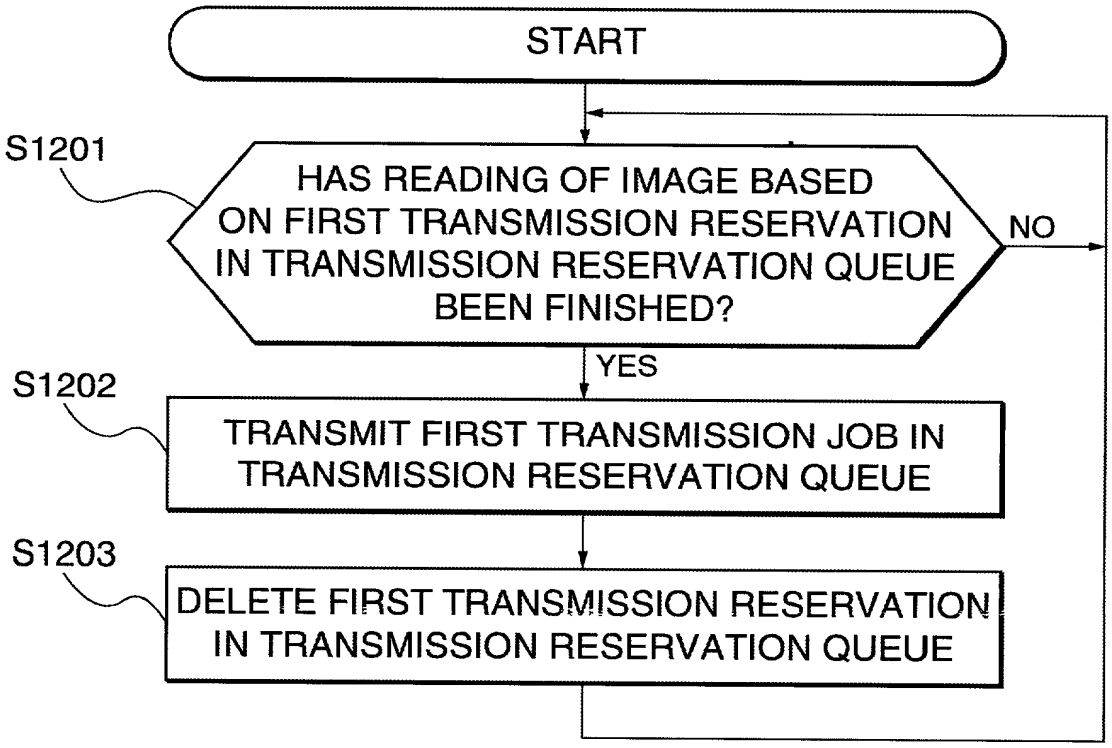

START
S1201
HAS READING OF IMAGE BASED ON FIRST TRANSMISSION RESERVATION IN TRANSMISSION RESERVATION QUEUE BEEN FINISHED?
NO
YES
S1202
TRANSMIT FIRST TRANSMISSION JOB IN TRANSMISSION RESERVATION QUEUE
S1203
DELETE FIRST TRANSMISSION RESERVATION IN TRANSMISSION RESERVATION QUEUE

*FIG. 13*

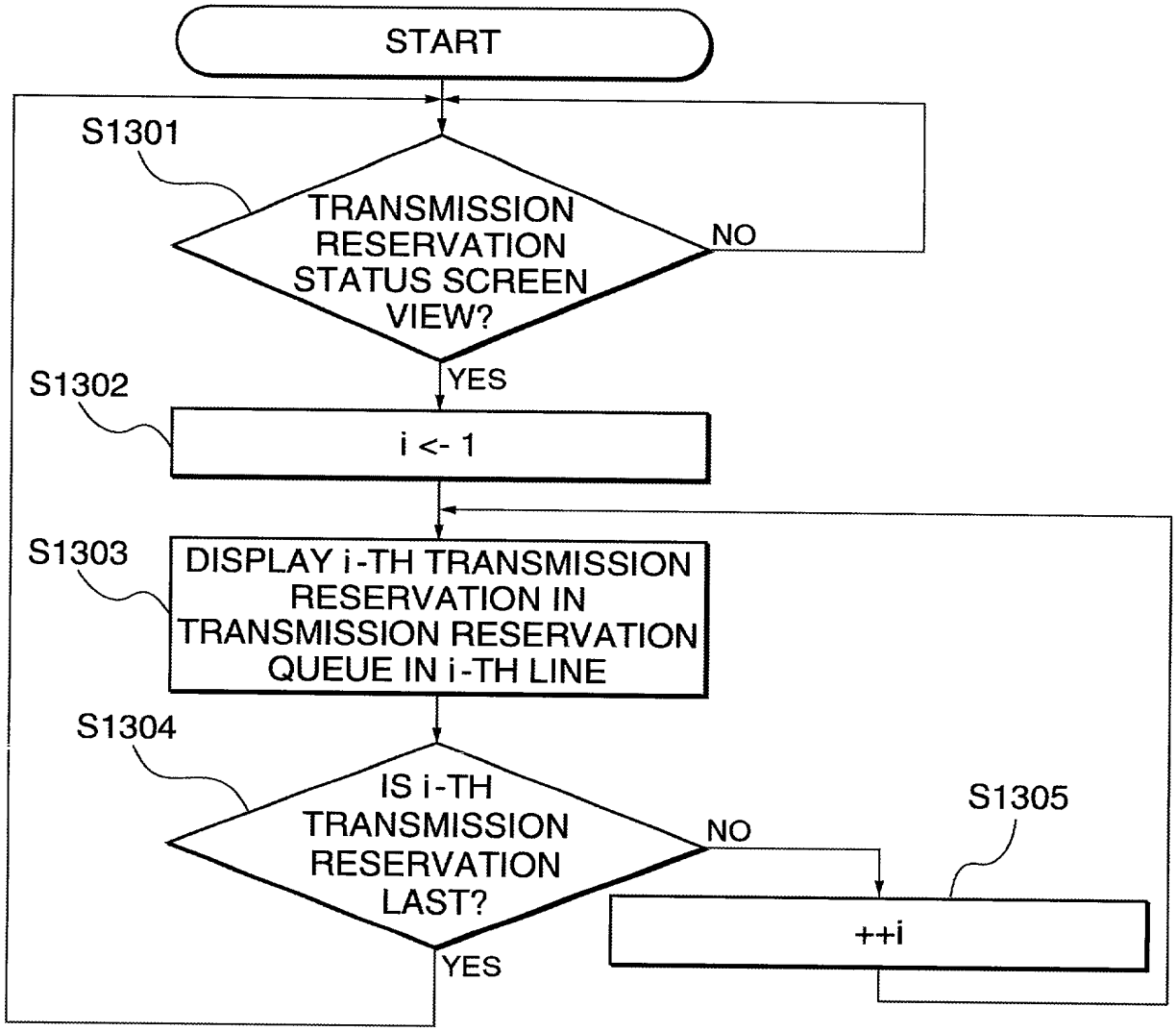

START
S1301
TRANSMISSION RESERVATION STATUS SCREEN VIEW?
NO
YES
S1302
i <- 1
S1303
DISPLAY i-TH TRANSMISSION RESERVATION IN TRANSMISSION RESERVATION QUEUE IN i-TH LINE
S1304
IS i-TH TRANSMISSION RESERVATION LAST?
NO
S1305
++i
YES

*FIG. 14*

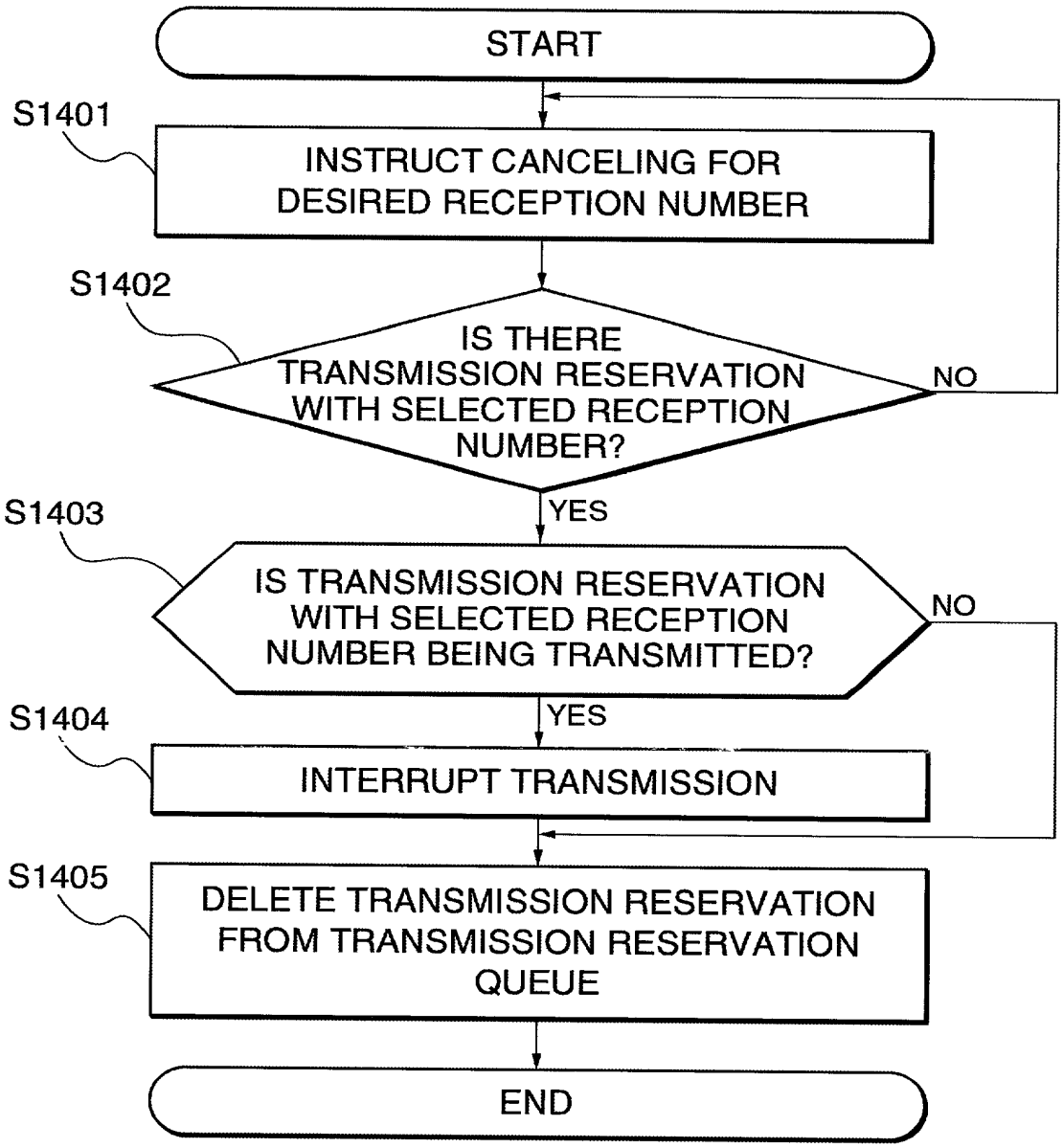

START
S1401
INSTRUCT CANCELING FOR DESIRED RECEPTION NUMBER
S1402
IS THERE TRANSMISSION RESERVATION WITH SELECTED RECEPTION NUMBER?
NO
YES
S1403
IS TRANSMISSION RESERVATION WITH SELECTED RECEPTION NUMBER BEING TRANSMITTED?
NO
YES
S1404
INTERRUPT TRANSMISSION
S1405
DELETE TRANSMISSION RESERVATION FROM TRANSMISSION RESERVATION QUEUE
END

*FIG. 15*

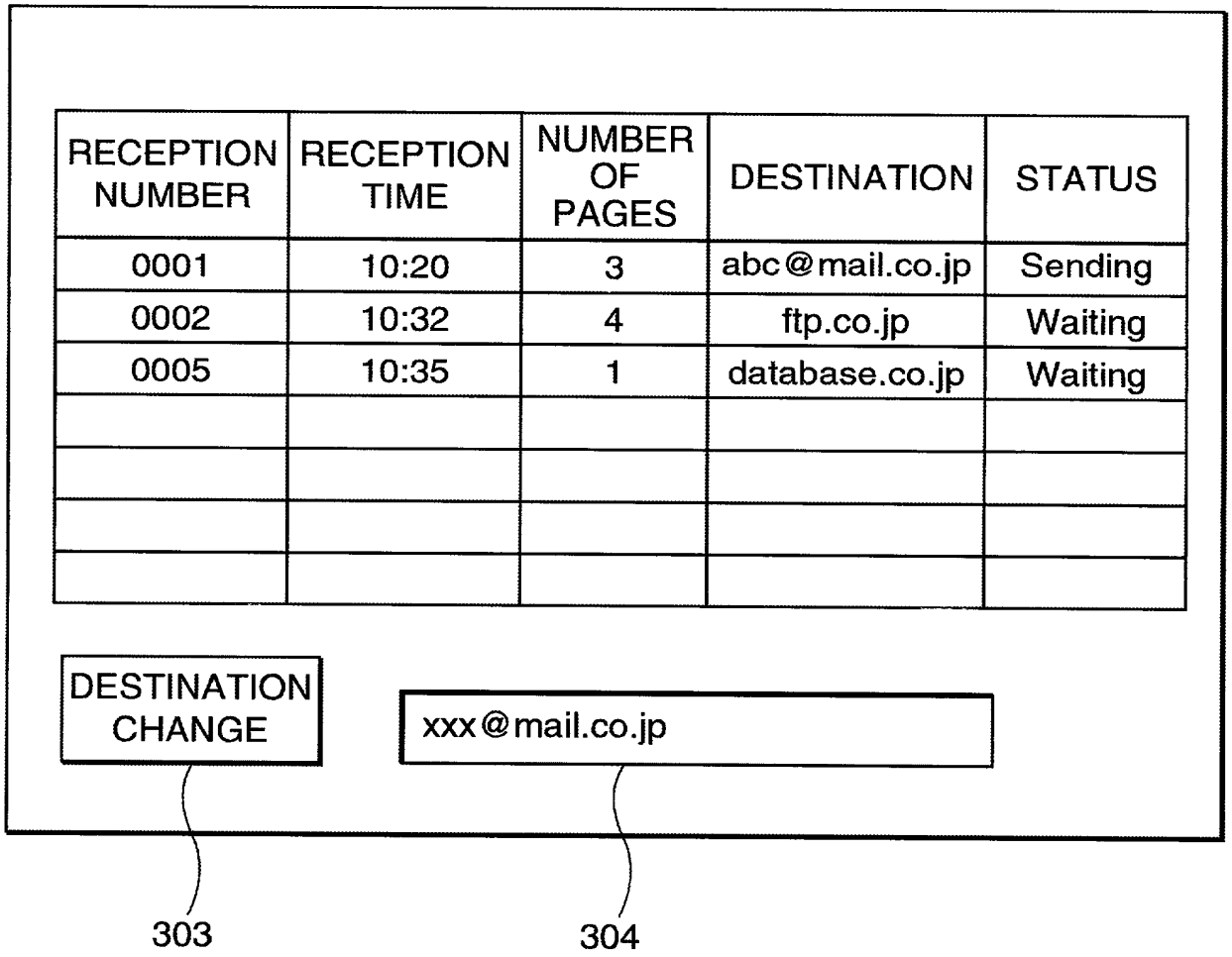

RECEPTION NUMBER
RECEPTION TIME
NUMBER OF PAGES
DESTINATION
STATUS
0001
10:20
3
abc@mail.co.jp
Sending
0002
10:32
4
ftp.co.jp
Waiting
0005
10:35
1
database.co.jp
Waiting
DESTINATION CHANGE
xxx@mail.co.jp
303
304

*FIG. 16*

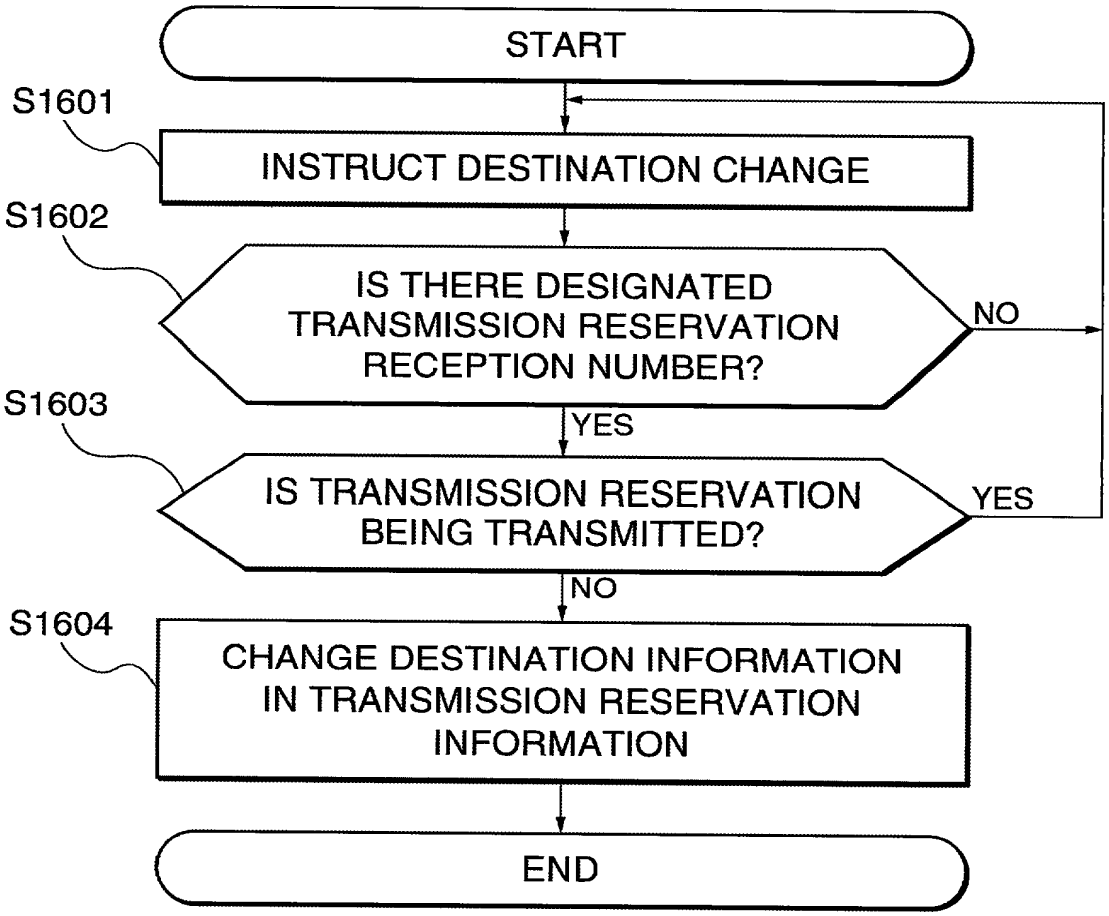

START
S1601
INSTRUCT DESTINATION CHANGE
S1602
IS THERE DESIGNATED TRANSMISSION RESERVATION RECEPTION NUMBER?
NO
YES
S1603
IS TRANSMISSION RESERVATION BEING TRANSMITTED?
YES
NO
S1604
CHANGE DESTINATION INFORMATION IN TRANSMISSION RESERVATION INFORMATION
END

*FIG. 17*

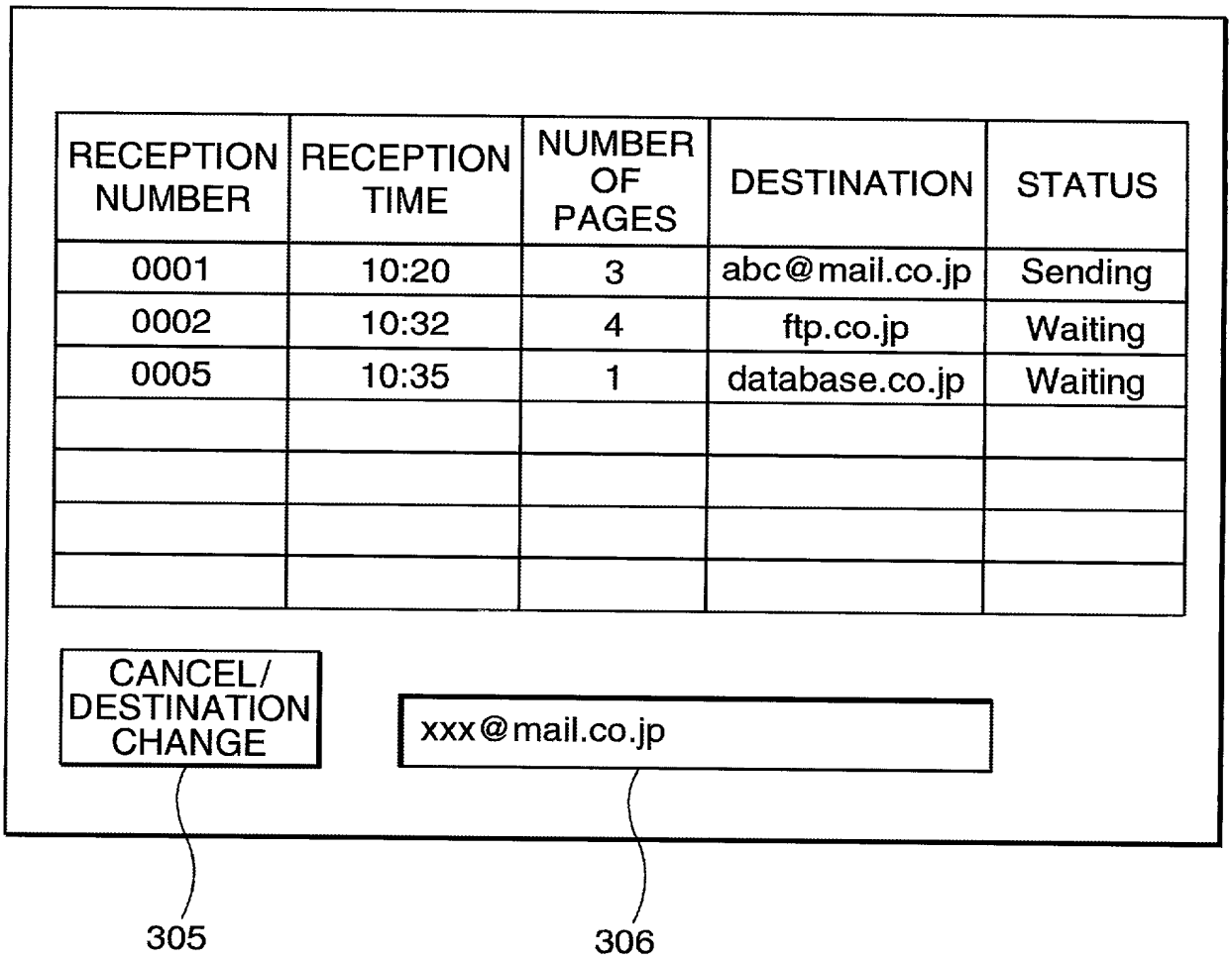
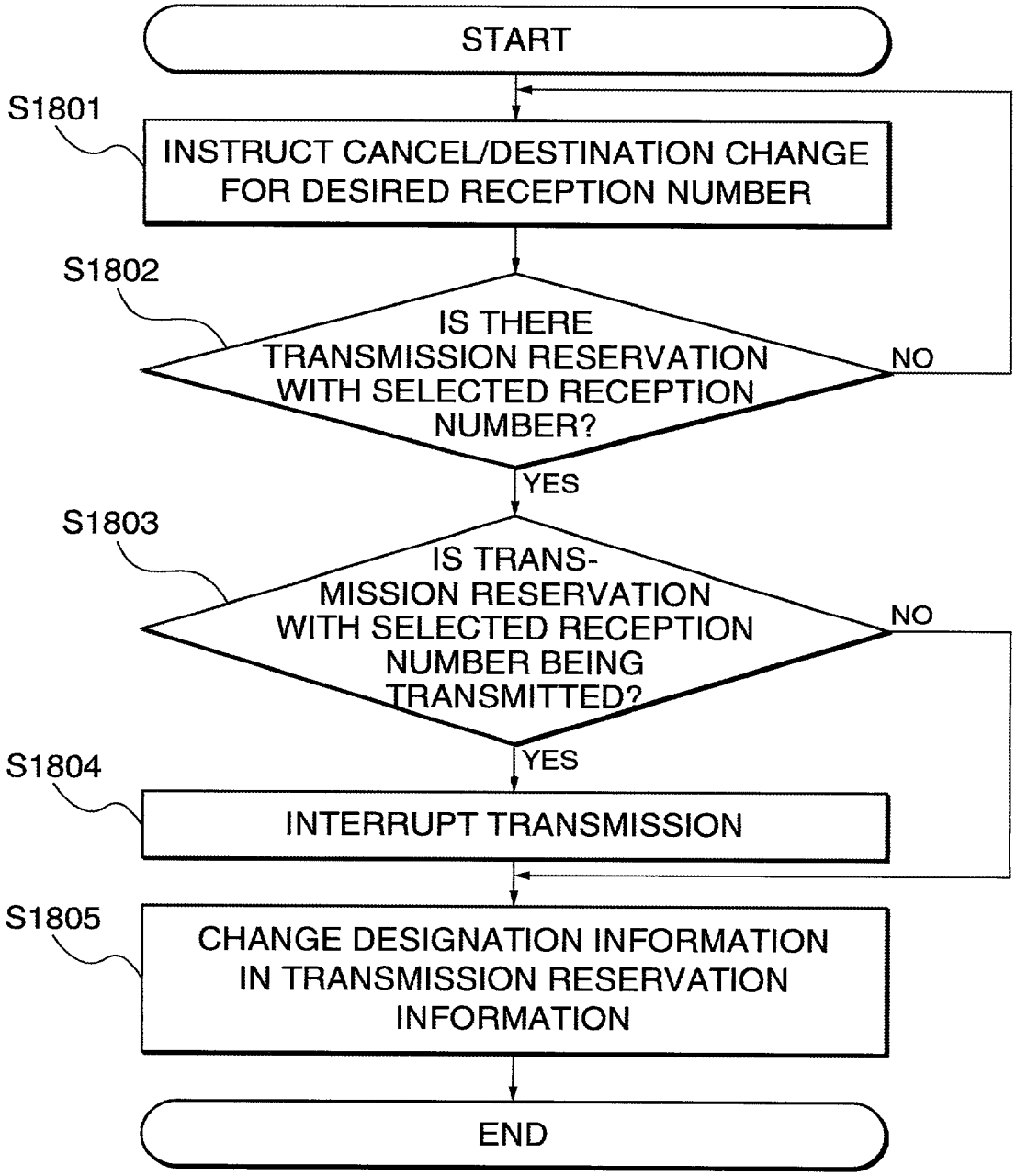

RECEPTION NUMBER
RECEPTION TIME
NUMBER OF PAGES
DESTINATION
STATUS
0001
10:20
3
abc@mail.co.jp
Sending
0002
10:32
4
ftp.co.jp
Waiting
0005
10:35
1
database.co.jp
Waiting
CANCEL/ DESTINATION CHANGE
xxx@mail.co.jp
305
306

*FIG. 18*


START
S1801
INSTRUCT CANCEL/DESTINATION CHANGE FOR DESIRED RECEPTION NUMBER
S1802
IS THERE TRANSMISSION RESERVATION WITH SELECTED RECEPTION NUMBER?
NO
YES
S1803
IS TRANS-MISSION RESERVATION WITH SELECTED RECEPTION NUMBER BEING TRANSMITTED?
NO
YES
S1804
INTERRUPT TRANSMISSION
S1805
CHANGE DESIGNATION INFORMATION IN TRANSMISSION RESERVATION INFORMATION
END